

Experiment Number: 20213 - 02

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 03/20/2012

Test Type: 39-WEEK

Abrasive blasting agents (blasting sand)

Time Report Requested: 13:27:50

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: BLASTINGSAND

First Dose M/F: 04/20/09 / NA

Species/Strain: RATS/HSD

Lab: BNW

F1_16 Wk. SSAC

NTP Study Number: C20213
Lock Date: 08/17/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25017 SSAC
Removal Date Range: 07-Aug-2009 - 07-Aug-2009
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

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Harlan Sprague Dawley RATS MALE

Control

15 mg/m3

30 mg/m3

60 mg/m3

Disposition Summary

Animals Initially In Study	62	62	62	62
Scheduled Sacrifice	8	8	8	8
Early Deaths				
Survivors				
Animals Examined Microscopically	8	8	8	8

ALIMENTARY SYSTEM

Liver	(0)	(1)	(0)	(1)
Hepatodiaphragmatic Nodule				1
Necrosis		1 [4.0]		

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(0)	(1)	(0)	(0)
Adrenal Medulla	(0)	(1)	(0)	(0)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Preputial Gland	(0)	(0)	(0)	(1)
Inflammation, Chronic Active				1 [4.0]

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	(5)	(7)	(8)	(8)
Foreign Body		7	8	7
Infiltration Cellular, Histiocyte		7 [1.0]	8 [1.5]	7 [1.4]
Pigmentation		1 [2.0]		
Lymph Node, Mediastinal	(8)	(6)	(8)	(8)
Foreign Body		5	5	8
Infiltration Cellular, Histiocyte		5 [2.2]	5 [2.4]	8 [3.0]
Pigmentation		1 [2.0]	1 [2.0]	

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

Larynx	(8)	(8)	(8)	(8)
Lung	(8)	(8)	(8)	(8)
Foreign Body		8	8	8
Infiltration Cellular, Histiocyte	2 [1.0]	8 [1.4]	8 [2.0]	8 [2.0]
Inflammation, Chronic Active	1 [1.0]	3 [1.0]	3 [1.0]	8 [1.0]
Metaplasia, Osseous	1 [1.0]			
Nose	(8)	(8)	(8)	(8)
Olfactory Epithelium, Accumulation, Hyaline Droplet	8 [1.0]	8 [1.6]	8 [1.4]	8 [2.4]

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Respiratory Epithelium, Accumulation, Hyaline Droplet		8 [1.0]	8 [1.3]	7 [1.1]
Respiratory Epithelium, Metaplasia, Squamous Trachea	(8)	(8)	(8)	1 [1.0] (8)

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

*** END OF REPORT ***

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